

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050176.D
 Acq On : 09 Aug 2022 12:03
 Operator : SY/MD
 Sample : N4070-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJL9

Quant Time: Aug 10 04:46:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 09 03:59:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

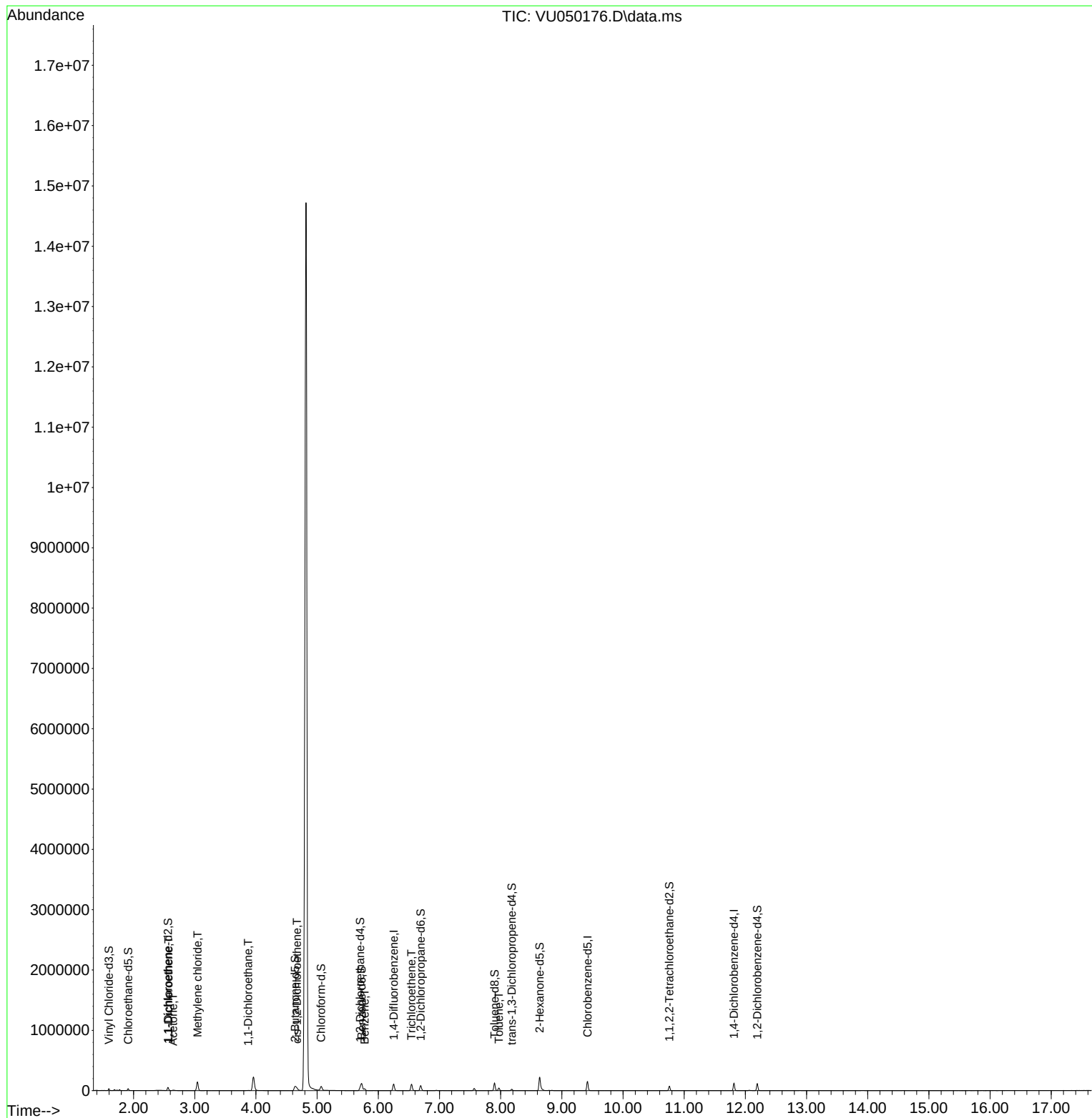
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	88203	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	87588	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	33650	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	22048	3.004	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.000%
7) Chloroethane-d5	1.912	69	22558	3.809	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.200%
11) 1,1-Dichloroethene-d2	2.562	65	9780	3.409	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.200%
20) 2-Butanone-d5	4.639	46	114281	63.844	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.680%
24) Chloroform-d	5.067	84	60607	4.439	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.703	65	33471	4.775	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.729	84	112648	4.121	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
36) 1,2-Dichloropropane-d6	6.694	67	42390	4.710	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.899	98	85925	3.559	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.200%
43) trans-1,3-Dichloroprop...	8.182	79	13673	4.239	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.636	63	70948	62.029	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.060%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38538	4.876	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	31887	4.836	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.572	96	918	0.151	ug/L	# 1
13) Acetone	2.645	43	14579	14.625	ug/L	92
16) Methylene chloride	3.044	84	70255	7.541	ug/L	97
19) 1,1-Dichloroethane	3.871	63	1746	0.135	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	10416	1.375	ug/L	96
33) Benzene	5.777	78	30973	1.009	ug/L	100
34) Trichloroethene	6.542	95	37314	5.027	ug/L	98
42) Toluene	7.970	91	32532	1.057	ug/L	98

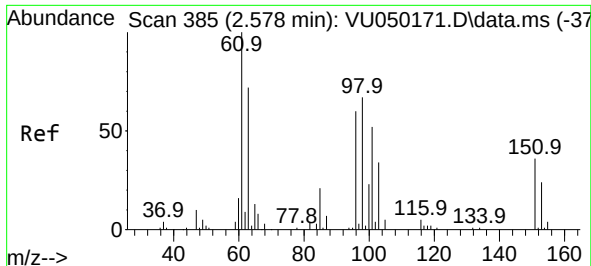
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.151 ug/L

RT: 2.572 min Scan# 385

Delta R.T. -0.003 min

Lab File: VU050176.D

Acq: 09 Aug 2022 12:03

Instrument :

MSVOA_U

ClientSampleId :

GBJL9

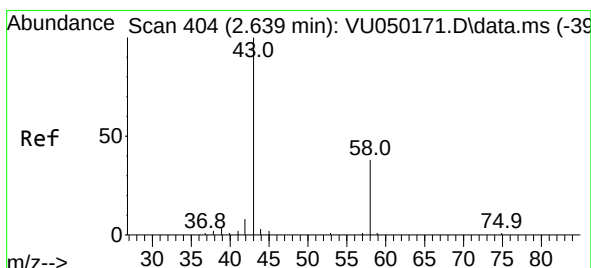
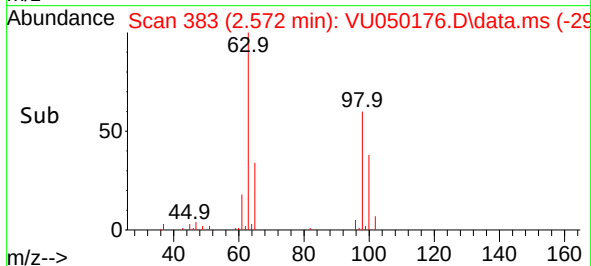
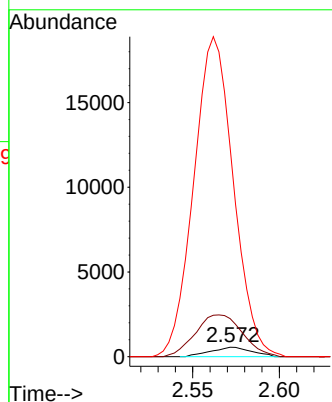
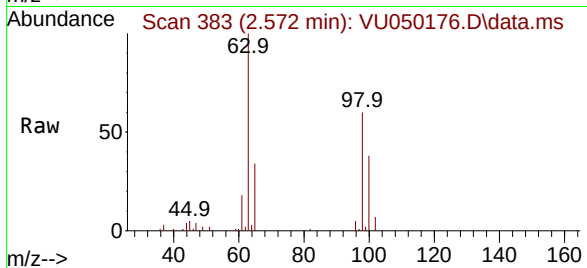
Tgt Ion: 96 Resp: 918

Ion Ratio Lower Upper

96 100

61 402.9 122.7 227.9#

63 2210.2 85.1 158.1#



#13

Acetone

Concen: 14.625 ug/L

RT: 2.645 min Scan# 406

Delta R.T. -0.000 min

Lab File: VU050176.D

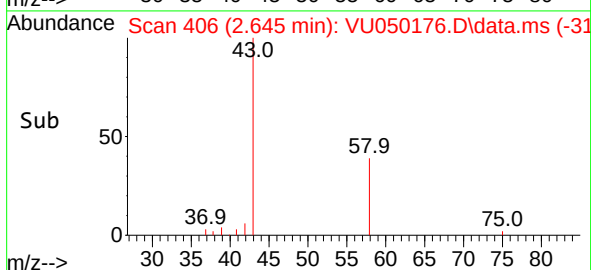
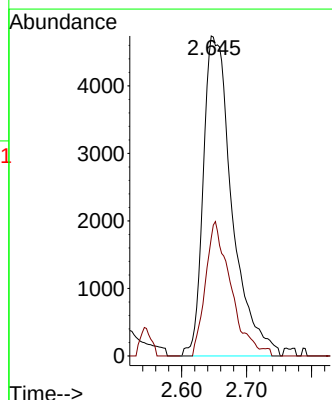
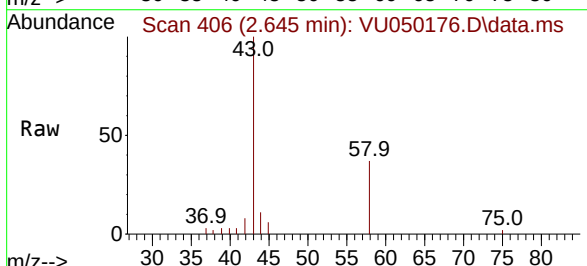
Acq: 09 Aug 2022 12:03

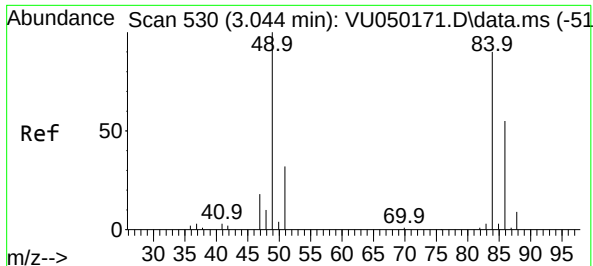
Tgt Ion: 43 Resp: 14579

Ion Ratio Lower Upper

43 100

58 36.7 0.0 64.0

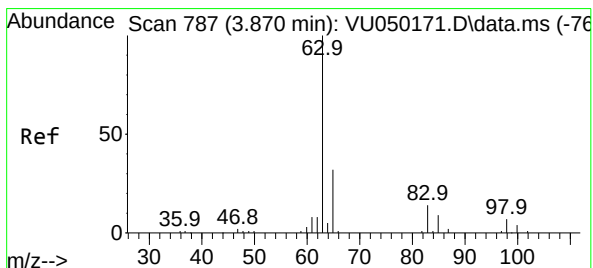
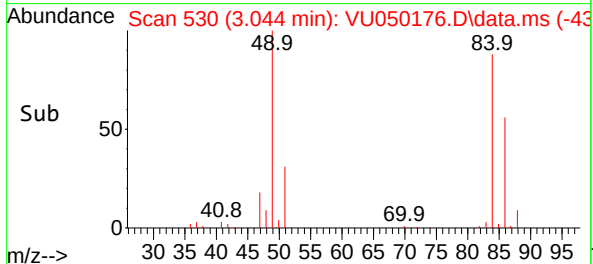
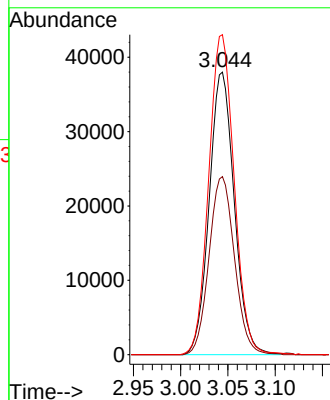
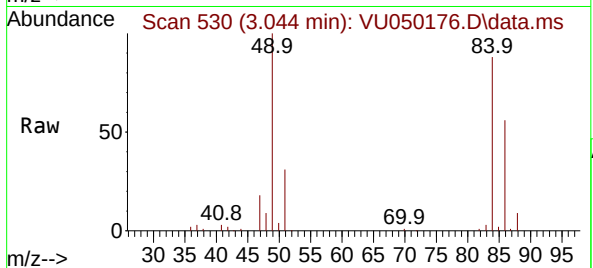




#16
Methylene chloride
Concen: 7.541 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU050176.D
Acq: 09 Aug 2022 12:03

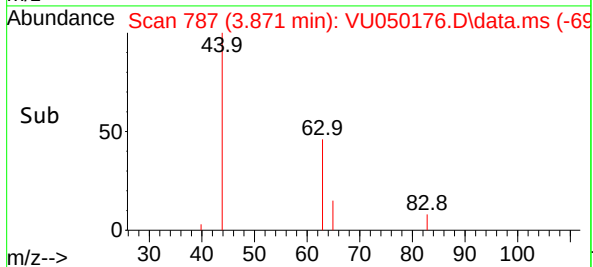
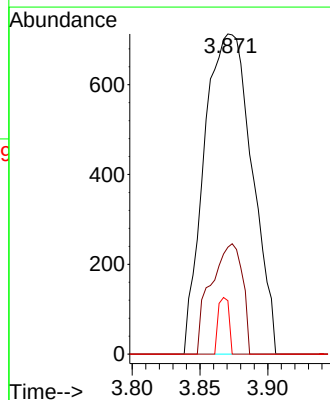
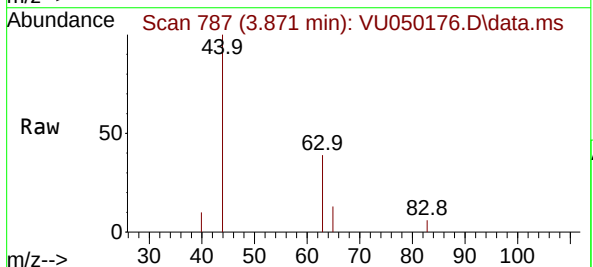
Instrument :
MSVOA_U
ClientSampleId :
GBJL9

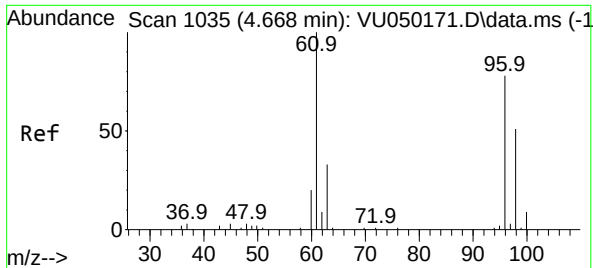
Tgt Ion: 84 Resp: 70255
Ion Ratio Lower Upper
84 100
86 63.0 45.9 85.3
49 113.2 77.6 144.0



#19
1,1-Dichloroethane
Concen: 0.135 ug/L
RT: 3.871 min Scan# 787
Delta R.T. 0.003 min
Lab File: VU050176.D
Acq: 09 Aug 2022 12:03

Tgt Ion: 63 Resp: 1746
Ion Ratio Lower Upper
63 100
65 33.4 22.7 42.3
83 16.7 9.8 18.2





#22

cis-1,2-Dichloroethene

Concen: 1.375 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU050176.D

Acq: 09 Aug 2022 12:03

Instrument :

MSVOA_U

ClientSampleId :

GBJL9

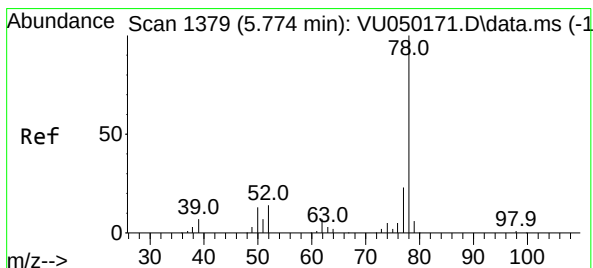
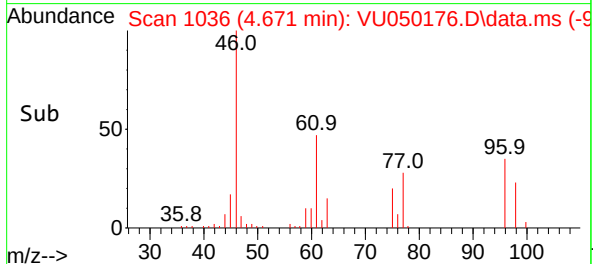
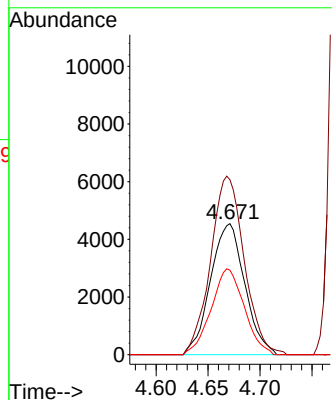
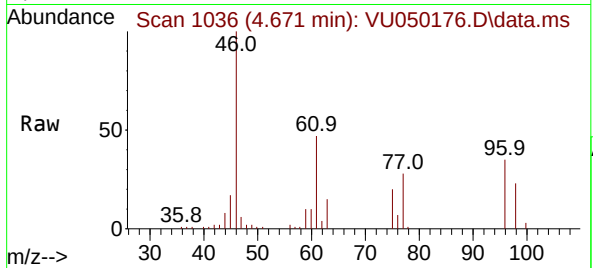
Tgt Ion: 96 Resp: 10416

Ion Ratio Lower Upper

96 100

61 133.4 89.0 165.4

98 64.5 45.2 84.0



#33

Benzene

Concen: 1.009 ug/L

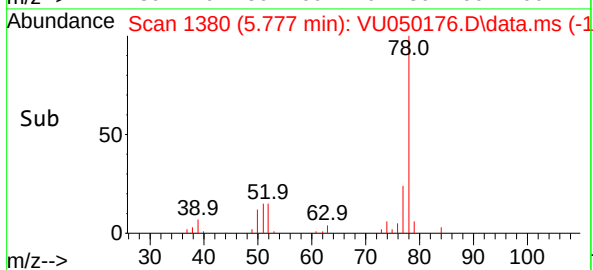
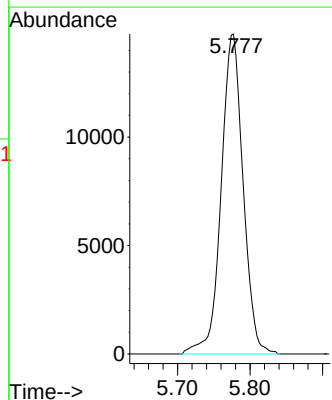
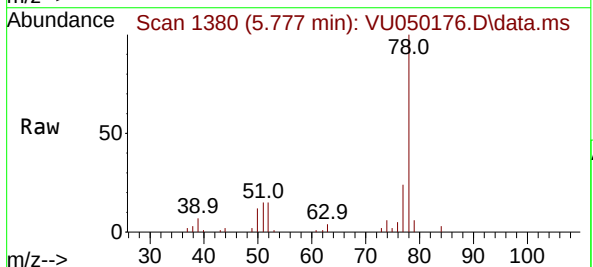
RT: 5.777 min Scan# 1380

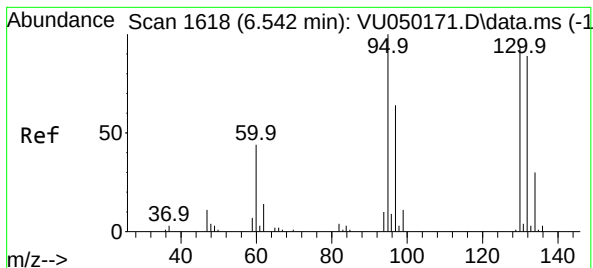
Delta R.T. 0.003 min

Lab File: VU050176.D

Acq: 09 Aug 2022 12:03

Tgt Ion: 78 Resp: 30973





#34

Trichloroethene

Concen: 5.027 ug/L

RT: 6.542 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU050176.D

Acq: 09 Aug 2022 12:03

Instrument :

MSVOA_U

ClientSampleId :

GBJL9

Tgt Ion: 95 Resp: 37314

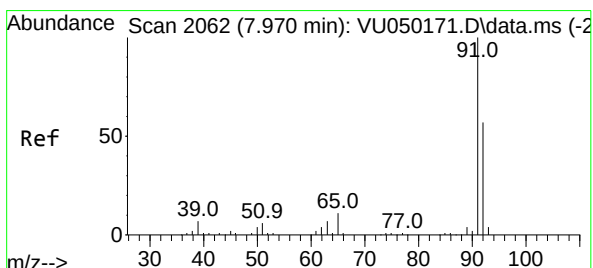
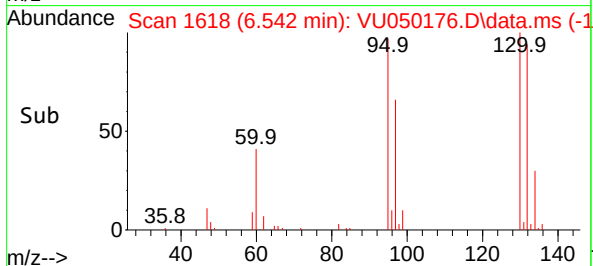
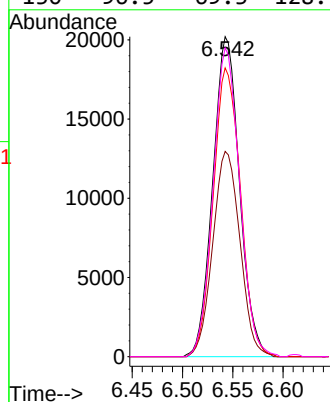
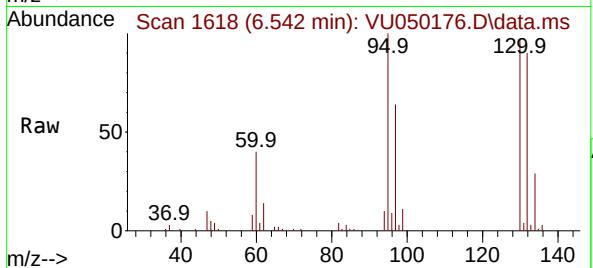
Ion Ratio Lower Upper

95 100

97 64.2 45.6 84.8

132 90.3 65.0 120.6

130 96.5 69.3 128.7



#42

Toluene

Concen: 1.057 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU050176.D

Acq: 09 Aug 2022 12:03

Tgt Ion: 91 Resp: 32532

Ion Ratio Lower Upper

91 100

92 55.2 39.8 74.0

